

DRIVER

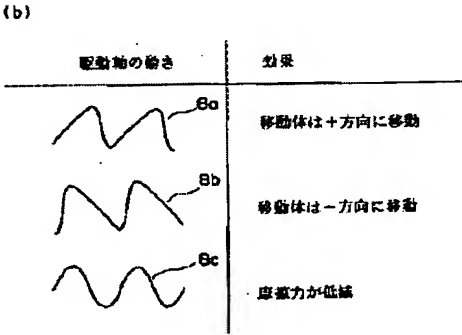
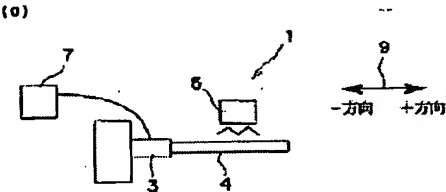
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Abstract of JP2002218773
PROBLEM TO BE SOLVED: To provide a driver which can control frictional force, using a simplified constitution. SOLUTION: This driver comprises an electromechanical conversion element 3, a drive member 4 fixed to one end in the expanding and compressing direction of the electromechanical conversion element 3, an engaging member 5 which is engaged through frictional force with the drive member 4 and a drive circuit 7 for applying drive voltage to the electromechanical conversion element 3. The drive circuit 7 is provided with a circuit for movement to generate first drive voltages 8a, 8b of the sawtooth wave to move the engaging member 5 and a circuit for friction force to generate a second drive voltage 8c of sine wave, to alleviate the frictional force.



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